8
U
•
_
Ċ
_
1
)
1
٦
•
•
,
,
۲
Ĺ
,
4

U.S. UTILITY Patent Application  O.I.P.E. PATENT DATE  CLASS 34 SUBCLASS ART UNIT REMOVED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA:  Stuart A. Kauffman, Santa Fe, CA:  ISSUING CLASSIFICATION  ORIGINAL CROSS REFERENCE(S)  CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  3 4 J J S S 38 2 J S S 217  INTERNATIONAL CLASSIFICATION  ORIGINAL CLASSIFICATION  ORIGINAL CLASSIFICATION  ORIGINAL CLASSIFICATION  ORIGINAL CLASSIFICATION  ORIGINAL CLASSIFICATION  ORIGINAL CLASSIFICATION  INTERNATIONAL CLASSIFICATION  ORIGINAL SUBCLASS ONE SUBCLASS PER BLOCK)  3 4 J J S S 38 2 J S S 217  INTERNATIONAL CLASSIFICATION  ORIGINAL SUBCLASS (ONE SUBCLASS PER BLOCK)  INTERNATIONAL CLASSIFICATION  INTERNATIONAL CLASSIFICATION											
U.S. UTILITY Patent Application  O.J.P.E. PATENT DATE  CLASS SUBCLASS ART UNIT EXAMINER  34 / 155.000 ART UNIT EXAMINER  TEANGlaude, J.  TITLE OF INVENTION:  AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA:  Stuart A. Kauffman, Santa Fe, CA:  ISSUING CLASSIFICATION  ORIGINAL CROSS REFERENCE(S)  CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  34 / 155 2/7  INTERNATIONAL CLASSIFICATION  DIA 1/12  DRAWINGS  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  1/1 2 3 1/1 /2  The term of this patent shall not sated beyond the expiration date of U.S Patent. No.  The term of this patent shall not sated beyond the expiration date of U.S Patent. No.  Photography County State Co		UE CLASSIFICATION	<del></del> t				•		PATENT I	NUMBER	
O.I.P.E. SCANNED Q.A.  ART UNIT A 819  SEXAMINER SEARGRAUGE, J.  TELE OF INVENTION:  AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S): James W. Herriot, Palo Alto, CA; Stuart A. Kauffman, Santa Fe, CA;  ISSUING CLASSIFICATION  ORIGINAL CROSS REFERENCE(S)  CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  341 155 382 155 217  INTERNATIONAL CLASSIFICATION  DISCLASIFICATION  DRAWINGS CLAIMS ALLOWED  TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. 1/2 / The term of this patient subsequent to	(M)	SSI	II C IIT	LİTV	Datast	Annlin	otion .	l			
CLASS SUBCLASS   SUBCLASS   ART UNIT   EXAMINER   TEANGLANDE, J.  TITLE OF INVENTION:  AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA:  Stuari A. Kauffman, Santa Fe, CA:  ISSUING CLASSIFICATION  CROSS REFERENCE(S)  CLASS   SUBCLASS   SUBCLASS   SUBCLASS (ONE SUBCLASS PER BLOCK)  3 41			0.5. 011			Applica		ATE			
CLASS SUBCLASS ART UNIT EXAMINER FLANGIAUDE, J.  TITLE OF INVENTION:  AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA;  Stuart A. Kauffman, Santa Fe, CA;  ISSUING CLASSIFICATION  ORIGINAL  CROSS REFERENCE(S)  SUBCLASS SUBCLASS CHASS SUBCLASS (ONE SUBCLASS PER BLOCK)  3 4 1 1 5 3 38 2 1 5 7 2 17  INTERNATIONAL CLASSIFICATION  DISCLAIMER  DRAWINGS  CLAIMS ALLOWED  TERMINAL  DISCLAIMER  DRAWINGS  CLAIMS ALLOWED  NOTICE OF ALLOWANCE MAILED  ISSUE FEE  Amount Due  ISSUE FEE  Amount Due  ISSUE FEE  Amount Due  Date Paid  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.	9/872 21	80		<b>U.I</b> .	· •						
TITLE OF INVENTION:  AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA:  Stuart A. Kauffman, Santa Fe, CA:  ISSUING CLASSIFICATION  ORIGINAL  CROSS REFERENCE(S)  USCLASS  SUBCLASS  SUBCLASS (ONE SUBCLASS PER BLOCK)  3 4 1 15 5 38 2 15 5 217  INTERNATIONAL CLASSIFICATION  DISCLAIMER  DRAWINGS  CLAIMS ALLOWED  TERMINAL  DISCLAIMER  DRAWINGS  Sheets Drug.  J 2 3 11 12  NOTICE OF ALLOWANCE MAILED  TO US Patent. No.  The term of this patent shall  rot extend beyond the expiration date of U.S Patent. No.  The term of this patent shall  TO the term of t	1020,00	, ,	SCANNED_		_ a.a						
TITLE OF INVENTION:  AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA:  Stuart A. Kauffman, Santa Fe, CA:  ISSUING CLASSIFICATION  ORIGINAL  CROSS REFERENCE(S)  USCLASS  SUBCLASS  SUBCLASS (ONE SUBCLASS PER BLOCK)  3 4 1 15 5 38 2 15 5 217  INTERNATIONAL CLASSIFICATION  DISCLAIMER  DRAWINGS  CLAIMS ALLOWED  TERMINAL  DISCLAIMER  DRAWINGS  Sheets Drug.  J 2 3 11 12  NOTICE OF ALLOWANCE MAILED  TO US Patent. No.  The term of this patent shall  rot extend beyond the expiration date of U.S Patent. No.  The term of this patent shall  TO the term of t											
TITLE OF INVENTION:    AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS    APPLICANT(S):   James W. Hemiot, Palo Alto, CA:   Stuart A. Kauffman, Santa Fe, CA:    ISSUING CLASSIFICATION			1		_	EXAMINER					
AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS  APPLICANT(S):  James W. Herriot, Palo Alto, CA;  Stuart A. Kauffman, Santa Fe, CA;  ISSUING CLASSIFICATION  ORIGINAL  CROSS REFERENCE(S)  CLASS SUBCLASS (CNE SUBCLASS PER BLOCK)  3 4 1 15 5 38 2 15 5 217  INTERNATIONAL CLASSIFICATION    0 3 M	241	.000	000				Jeanglaude, J.				
SSUING CLASSIFICATION	TITLE OF INVENTION	N:									
SSUING CLASSIFICATION						•	٠			1	
Stuart A. Kauffman, Santa Fe, CA;   Stuart A. Kauffman, Santa Fe, CA;	AUTOMATIC EVOL	UTION OF	MIXED ANALO	G AND E	DIGITAL	ELECTRO	NIC CIRC	UITS			
Stuart A. Kauffman, Santa Fe, CA;   Stuart A. Kauffman, Santa Fe, CA;	ADDLICANT/S):		*		·		r mand plants g		WOLLOW SHIP HIS	= TL	
Stuart A. Kauffman, Santa Fe, CA;   SSUING CLASSIFICATION	, ,						•• ,		•		
ISSUING CLASSIFICATION   CROSS REFERENCE(S)	James W. Hem	ot, Palo Alto	o, CA;								
CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  341	Stuart A. Kauffr	nan, Santa I	Fe, CA;						•		
CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  341											
CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  341		The second special	ICCLIIA	ic Cl	ACCIE	IC ATIO	) NI		71. T. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)  341		· · ·	199011	IG CL	AOOII						
TERMINAL   DRAWINGS   CLAIMS ALLOWED											
INTERNATIONAL CLASSIFICATION	V							NE SUBCLASS PER BLOCK)			
TERMINAL DRAWINGS CLAIMS ALLOWED  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  1/1 2 3 1/1 /2 /  NOTICE OF ALLOWANCE MAILED  LASSITIENT Examiner) (Date)  ISSUE FEE  Amount Due  Date Paid  The terminal months of this patent have been disclaimed.  The terminal months of this patent have been disclaimed.  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  (Date)  1/2 /  NOTICE OF ALLOWANCE MAILED  ISSUE FEE  Amount Due  Date Paid  SSUE BATCH NUMBER					177	217	ļ				
TERMINAL DISCLAIMER  DRAWINGS  CLAIMS ALLOWED  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  1/ 2 3 1/ 12  NOTICE OF ALLOWANCE MAILED  NOTICE OF ALLOWANCE MAILED  LASSITITITE Examiner)  PROVIDED TO STATE OF ALLOWANCE MAILED  SSUE FEE  Amount Due  Date Paid  The terminal months of this patent shall not extend beyond the expiration date of U.S Patent. No.  Print Claim for O.G.  1/ 2 3 1/ 12  NOTICE OF ALLOWANCE MAILED  SSUE FEE  Amount Due  Date Paid  SSUE BATCH NUMBER		7	ION								
TERMINAL DISCLAIMER  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  11 23 11 12 1  NOTICE OF ALLOWANCE MAILED  The term of this patent shall not extend beyond the expiration date of U.S Patent. No	H03M /	/12		-#-	****				<del> </del>		
TERMINAL DISCLAIMER  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  11 23 11 12 1  NOTICE OF ALLOWANCE MAILED  The term of this patent shall not extend beyond the expiration date of U.S Patent. No	<del>                                     </del>								ļ		
TERMINAL DISCLAIMER  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  11 23 11 12 1  NOTICE OF ALLOWANCE MAILED  The term of this patent shall not extend beyond the expiration date of U.S Patent. No		-		╌╫╴							
TERMINAL DISCLAIMER  Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.  11 23 11 12 1  NOTICE OF ALLOWANCE MAILED  The term of this patent shall not extend beyond the expiration date of U.S Patent. No							Continued of	n Issue Slip	Inside File Ja	cket	
Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.    1				<del></del>							
Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.    1			<u>-</u>				1				
The term of this patent subsequent to		•							·		
The term of this patent subsequent to	— DIOCEAINEN		Sheets Drwg.		_ `	Print Fig.				m for O.G	
In term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.  ISSUE FEE  Amount Due  Date Paid  The terminalmonths of this patent have been disclaimed.  Date Paid  The terminalmonths of this patent have been disclaimed.			11	2	3		12		/		
has been disclaimed.  The term of this patent shall not extend beyond the expiration date of U.S Patent. No.    Content   Cont	☐ The term of this pate	<del></del>				NOTIC	E OF ALL	OWANCE N	IAILED		
The term of this patent shall not extend beyond the expiration date of U.S Patent. No.    Superative State		(Assissant Examiner) (Date)									
not extend beyond the expiration date of U.S Patent. No.    Sale	ent shall	7		500		il.	724	02			
Amount Due Date Paid  3/22/05 (Date)  ISSUE BATCH NUMBER  The terminalmonths of this patent have been disclaimed.	not extend beyond the e	JEAN JEANGLAUDS PROJECTIVE EVICENCE									
(Primary Examiner)    3   22   05   15   00     The terminalmonths of this patent have been disclaimed.   3   3   3   3   3   3     (Cytal-Arstruments Examiner)   3   3   3   3   3   3     (Cytal-Arstruments Examiner)   3   3   3   3   3   3     (Cytal-Arstruments Examiner)   3   3   3   3   3     (Cytal-Arstruments Examiner)   3   3   3   3   3     (Cytal-Arstruments Examiner)   3   3     (Cytal-Arstruments Examiner)   3   3     (Cytal-Arstrument	of U.S Patent. No					A					
The terminalmonths of this patent have been disclaimed.   ISSUE BATCH NUMBER  3-3-10 (Date)								Date Paid			
The terminalmonths of this patent have been disclaimed.   The terminalmonths of this patent have been disclaimed.   (Cytal Anstruments Examiner)   3-3-3-0-0  (Cotal)			(Primary	Examiner)	د	(Date)	1	OV		<u> </u>	
this patent have been disclaimed.  (Consultrishments Examiner)  (Date)	The terminal	onthe of	~n ^				} īs	SUE BAT	CH NUMB	ER	
		- Mal	nente Evente		3-220	k					
	WARNING:		(Lygarnisau)	inelius CXBITIRN		(Date)	1			<del></del>	

(FACE)

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

FILED WITH: DISK (CRF) FICHE CD-ROM

(Attached in pocket on right inside flap)

Form PTO-436A (Rev. 6/99)